A. sambucifoliae Fitch at Manassa, Colorado, July 28, 1943 (B. A. Haws).

A. sedi Kalt. on **Sedum**, Puyallup, Washington, July 27, 1937 (H. C. Bennion).

A. setariae (Thomas) on grass, Woodro, Wyoming, September 11, 1941 (Knowlton); Vernal, Utah, August 17, 1940.

A. spiraecola Patch on **Spirea**, in damaging abundance during spring of 1945, 1946 and 1947 at Logan, Springville, Farmington and Brigham, Utah; Helena, Montana, July 28, 1946 (Knowlton); Lethbridge and Waterton National Park, Alberta, Canada, late July of 1946 (Knowlton); Puyallup, Washington (H. C. Bennion).

A. viburnicola Gill. on **Viburnum opulus**, Liberty, Utah, October 9, 1937; and Logan, Ogden and Salt Lake City, spring of 1946; Preston, Idaho (Knowlton).

INDEX TO VOLUME 21

Anomiopsyllus Baker, An undescribed from the Pack Rat 133
Aphids from the West 147
Bacon, John A., Article by 71
Beamer, R. H., Articles by....1, 63, 96
Bibionidae, Homonymy Notes in the.. 36
Breland, Osmond P., Article by 120
Brett, Charles H., Article by 66
Brooks, George T., Article by 37
Calkins, LaVere A., Article by 61
Circulifer tenellus (Baker), and Its Relatives (Homoptera: Cicadellidae), Notes on the Beet Leafhopper 10
Corixidae, The eggs of 141
Dean, George A., Article by 15
Delphacodes (Continued) (Homoptera, Fulgoridae, Delphacinae), Some New Species of 1, 96, 111
Dorilaide (Pipunculidae-Diptera) Part II, Notes and Descriptions of.... 88
Dorilaidae (Pipunculidae-Diptera), New and Little Known Neotropical..124
Dytiscidae New to the United States, Records of Three Species of 65
Eads, R. B., Article by 133
Embioptera in Kansas, Notes on 35
Emerson, K. C., Articles by 92, 137
Enithares (Hemiptera, Notonectidae), New Species of 37
Grasshoppers, The Relation of Temperature in the Susceptibility of . . . . . to Synthetic Insecticide Dusts.... 66
Grubs, Rearing Technique for White.... 59
Hardy, D. Elmo, Articles by 36, 88, 123
Hepner, Leon W., Article by 35
Hungerford, H. B., Article by 141
Knowlton, G. F., Articles by 121, 149
Leech, Hugh B., Article by 65
Lonatura and Parabolocratus (Momoptera-Cicadellidae), A New 63
Mallophaga From a Ruffed Grouse, A New 92
Mallophaga, Two New Species of 137
Mealy Bug Control, DDT in Juniper.... 61
Menzies, G. C., Article by 133
Miner, Floyd D., Article by 59
Mosquito Larvae, Some Bicolored 120
Oman, P. W., Article by 10
Rhagovelia (Hemiptera, Veliidae), Some New Species of 71
Rhoades, W. C., Article by 66
Smith, Roger C., Article by 15
Summary, The Seventeenth or 1947 Annual Insect Population. . . . . of Kansas 15
Index to Volume 21....149